

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

ATTY. DOCKET NO.
53168-500301D5

SERIAL NO.
Not yet known

APPLICANT
Shrenik Deliwala

FILING DATE
February 19, 2002

GROUP
Not yet known

1-379 U.S. PRO
10/078203
02/19/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Aullah	A	6	1	7	7	6	8	5	01/01	Teraguchi et al.			
	B	6	1	8	8	8	1	8	02/01	Han et al.			
	C	6	1	6	6	8	4	6	12/00	Maloney			
	D	6	0	7	5	9	0	8	06/00	Paniccia et al.			
	E	6	1	2	2	4	1	9	09/00	Kurokawa			
	F	5	8	6	4	6	4	2	01/99	Chun et al.			
	G	5	8	7	2	3	6	0	02/99	Paniccia et al.			
	H	5	8	3	5	6	4	6	11/98	Yishimura et al.			
	I	5	6	9	6	8	6	2	12/97	Hauer et al.			
	J	4	6	7	7	7	8	3	07/87	Cratsa			
	K	5	6	3	8	4	6	9	06/97	Feldman et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

Aullah	L	Michael C. Parker et al., Applications of Active Arrayed-Waveguide Gratings in Dynamic WDM Networking and Routing, Journal of Lightwave Technology, Vol. 18, No. 12, December 2000.
	M	Bardia Pezeshki et al., Vertical Cavity Devices as Wavelength Selective Waveguides, Journal of Lightwave Technology, Vol. 12, No. 10, October 1994.
	N	Lucent Technologies, Bell Labs Innovations, Arrayed Waveguide Grating Multiplexer/Demultiplexer, January 2000.
	O	Robert Shi and Tomasz Jansson, Optical Interconnection Foundations and Applications, Chapter 5, Integrated Optical Waveguide Routing - Micro-optics, Artech House, pp. 141-225.
	P	Amalia N. Miliou et al., A 1.3 μ m Directional Coupler Polarization Splitter by Ion Exchange, Journal of Lightwave Technology, Vol. 11, No. 2, February 1993.
	Q	Gijs J. M. Krijnen et al., A New Method for the Calculation of Propagation constants and Field Profiles of Guided Modes of Nonlinear Channel Waveguides Based on the Effective Index Method, Journal of Lightwave Technology, Vol. 12, No. 9, September 1994.

EXAMINER

Akm Enay et Ullah

DATE CONSIDERED

6-7-'04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Aullah	R	5	6	2	9	8	3	8	05/97	Knight et al.			
	S	5	6	2	5	7	2	9	04/97	Brown			
	T	5	6	2	5	6	3	6	04/97	Bryan et al.			
	U	5	6	0	5	8	5	6	02/97	Goosen et al.			
	V	5	5	6	8	5	7	4	10/96	Tanguay, Jr. et al.			
	W	5	5	0	2	7	7	9	03/96	Magel			
	X	5	4	8	5	0	2	1	01/96	Abe			
	Y	5	4	3	4	4	3	4	07/95	Kasahara et al.			
	Z	5	4	3	2	6	3	0	07/95	Lebby et al.			
	AA	5	4	0	0	4	1	9	03/95	Heinen			
	BB	5	1	9	8	6	8	4	03/93	Sudo			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER

Aullah

DATE CONSIDERED

6/7/2004

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APPLICANT
Shrenik Deliwala

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U.S. PATENT DOCUMENTS

EXAMINER R INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Aullah</i>	CC	5	1	5	9	7	0	0	10/92	Reid, deceased et al.			
	DD	5	1	5	3	7	7	0	10/92	Harris			
	EE	5	0	6	1	0	2	7	10/91	Richard			
	FF	4	9	6	6	4	3	0	10/90	Weidel			
	GG	4	9	3	9	7	9	3	07/90	Stewart			
	HH	4	9	1	7	4	5	0	04/90	Pocholle			
	II	4	8	7	1	2	2	4	10/89	Karstensen			
	JJ	4	8	6	5	4	2	7	09/89	Kingston et al.			
	KK	4	7	6	1	6	2	0	08/88	Bar-Joseph et al.			
	LL	4	7	5	8	0	9	2	07/88	Heinrich et al.			
	MM	4	6	9	5	1	2	0	09/87	Holder			

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		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER

Aullah

DATE CONSIDERED

6/7/2004

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**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE**

ATTY. DOCKET NO.
53168-50030IDS

SERIAL NO.
Not yet known.

10/07820.3

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

APPLICANT
Shrenik Deliwala

FILING DATE
February 19, 2002

GROUP
Not yet known

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PATENT INFORMATION													
DOCUMENT NUMBER								PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

Aullal

6/7/04

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Substitute for form 1449A/PTO		C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not yet Known
		Filing Date	February 19, 2002
		First Named Inventor	Shrenik Deliwala
		Art Unit	Not yet Known
		Examiner Name	Not yet Known
		Attorney Docket Number	53168-500301D5
Sheet	1	of	1

2061/20

[illegible][illegible]

Examiner Signature	<i>A.ulloh</i>	Date Considered	6/7/2004
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional). 2. See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

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PTC/SB/D&A (10-01)

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/078, 203
		Filing Date	February 19, 2002
		First Named Inventor	S. Pichaiak
		Art Unit	3653
		Examiner Name	Not yet known
		Attorney Docket Number	53168-500301P5
Sheet	1	of	1

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Examiner Signature	Akron Ulab	Date Considered	6/7/2004
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